

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SMC 60641/WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2004/005050	International filing date (day/month/year) 02/12/2004	(Earliest) Priority Date (day/month/year) 20/12/2003
Applicant AVECIA LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

✓ PARTICLE BEAM CURABLE INK JET INKS

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/005050

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09D11/00 C09D11/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 550 905 B1 (DECKERS BERNARD J) 22 April 2003 (2003-04-22) column 12, line 4; claim 15 column 8, line 19 column 7, line 50; examples -----	1-19
X	WO 99/29788 A (XAAR TECHNOLOGY LIMITED; JOHNSON, STEVE; WOODS, JILL) 17 June 1999 (1999-06-17) page 5, lines 12-14; claims 1,20; examples -----	1-19
A	US 2003/199655 A1 (YURUGI KEIJI ET AL) 23 October 2003 (2003-10-23) the whole document -----	1
A	US 6 593 390 B1 (JOHNSON STEVE ET AL) 15 July 2003 (2003-07-15) the whole document -----	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

23/02/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/005050

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6550905	B1	22-04-2003	WO 03044106 A1 EP 1448729 A1 EP 1473341 A1	30-05-2003 25-08-2004 03-11-2004
WO 9929788	A	17-06-1999	AU 1346399 A GB 2346889 A ,B WO 9929788 A1	28-06-1999 23-08-2000 17-06-1999
US 2003199655	A1	23-10-2003	WO 03089486 A1 TW 576849 B AU 2002255271 A1 EP 1505090 A1 JP 3544658 B2	30-10-2003 21-02-2004 03-11-2003 09-02-2005 21-07-2004
US 6593390	B1	15-07-2003	AU 1346299 A BR 9813371 A CA 2310633 A1 CN 1301284 T EP 1034228 A2 WO 9929787 A2 JP 2001525479 T	28-06-1999 24-09-2002 17-06-1999 27-06-2001 13-09-2000 17-06-1999 11-12-2001